



Page 5

improved medical technology and conditioning programs have reduced the number of athletic injuries.



Page 7

Cast members have been preparing for 'The Great Cross Country Race,' a play designed for children.

Next Week:

# The Chart

## Crews replace natural gas line

### Concrete removal slows process

Maintenance workers have replaced a two-inch natural gas line between the television studios and the business administration building after a gas leak was detected last week, according to Howard Dugan, director of the physical plant.

"The gas lines are all now replaced," he said yesterday. "We replaced the old line with a new type of gas line that is plastic coated."

After digging up the old line, officials discovered several leaks in the line.

According to Dr. Paul Shipman, vice president for business affairs, more than two leaks were found, and the entire gas line has been replaced.

"During the rains we had last week, you could see where the leaks were from bubbles in the water after the old line was exposed," Dugan said. "This new pipe, which is supposed to last some 60 years, should not do that due to the plastic coating."

Someone reported to maintenance last week they had smelled a gas-like odor near the area. Gas Service representatives conducted tests that determined gas was leaking.

The gas line runs underneath the concrete driveway going up to the

business administration building. In order to expose the line, the driveway had to be cut up.

"It turned out to be a bigger job than we expected," Shipman said. "They found more than just one leak in the line."

Aimes Digging Company was contracted to dig up the line, which supplies fuel for the furnaces and hot-water heaters in the business administration building.

College maintenance crews installed the new pipe, and are now in the process of "back-filling" the trench. Dugan said hopefully the concrete torn out during the repairs will be replaced tomorrow "assuming the weather cooperates."

"It's not a major issue," Shipman said. "It's not like a big major leak where a large amount of gas has been released into the area. The biggest problem is that it occurred near the building, and a lot of concrete had to be removed. That complicates it."

The business administration building is the oldest building on campus. Dugan said although there are other gas lines in the area, most were replaced five years ago when the television studios were remodeled. Dugan said the line had "probably been in the ground for over 50 years."



### Gas leak

Maintenance workers cut concrete in a driveway on campus to repair a gas line leak. (Chart photo by Barb Fullerton)

## Aid reduction will hurt private schools

### Southern's enrollment could increase

Reductions in student financial aid could be detrimental to private colleges and universities, but might eventually result in an enrollment increase for Missouri Southern, according to James Gilbert, director of financial aids.

Gilbert said the effects of President Reagan's proposed budget for 1986 will be felt in two stages, the first coming in the 1985-86 academic year. The proposed \$4,000 ceiling for total financial aid would be damaging to many private schools.

"The \$4,000 ceiling will force people out of private schools and into schools like Southern," said Gilbert.

He said if the aid cuts are enacted, many students will not be able to attend the college of their choice.

"We're going to see changes and we will have to be flexible," Gilbert said. "Students will no longer have the option of going to school where they want, but will go where they can afford to. The key word is accessibility."

Reductions in financial aid, however, could be damaging to some Missouri Southern students.

"Reagan may rescind the current Pell grants," Gilbert said. "If that happens we will lose around 100 people on Pell grants."

The ceiling for the Guaranteed

Student Loan of \$32,000 per year in family income will eliminate at least 100 people here at Southern," he added. "Currently the maximum loan is \$1,700 so that represents a loss of \$170,000 right there, and the Pell grant minimum is \$250 so there would be a minimum of \$25,000 lost there as well."

Reagan's budget proposal would require all students and their families—particularly those in higher and middle income brackets—to pick up more of the cost of a college education, and would eventually turn authority for all student-aid programs over to the states.

Senator Lowell P. Weicker, Jr. (R-Connecticut), who chairs the Senate appropriations sub-

committee with jurisdiction over the Education Department's budget, was quoted in *The Chronicle of Higher Education* as saying he opposed the cuts.

"I oppose the Administration's proposed funding levels for education, particularly the cuts in education loans and grants. Were they to become law, access to higher education would be severely limited, and we would return to the days when only the economically advantaged could go to college."

Gilbert said that during the 1986-87 academic year colleges are likely to see an increase of attrition.

"We will see drastic changes and more work study type programs, and less grants—there is no free lunch," he said.

## Leon says outlook for funding is good

### Committee recommends bond issuance

In his report to Missouri Southern's Board of Regents Friday, College President Julio Leon said the higher education outlook in Jefferson City is "very good."

Legislation concerning appropriations to Missouri's colleges and universities is currently being discussed by the House and Senate.

"The Senate Appropriations Committee has sent to the floor of the House a bill stating that the \$400 million bond issue be issued," Leon said, "but there were no projects listed as far as where the money will go specifically."

Leon said the College has a strong interest in what priorities will be listed on the issue concerning projects.

Two priorities that rate high on the list for Southern are an addition to Matthews Hall and renovation of Reynolds Hall.

"We are quite optimistic we have a good shot of possibly getting both," he said. "There is a possibility we could have construction taking place by next fall."

Legislators are considering funding 94 to 95 per cent of the Coordinating Board's recommendations for the operating budget. Last year, colleges received 92.5 per cent funding. Leon said this percentage would be "very good. It would complement nicely the amount we received last year."

Leon said Southern may also receive some "one-time" monies that would be used to update the computer center and the library.

"There is a possibility that we might have extra funding for one-

time funds for the purchasing of equipment," he told the Regents. "We feel fairly confident that \$350,000 could be appropriated for use with upgrading the computers. We feel it will be granted because the governor himself recommended it."

Leon said the Senate has indicated it wants to give even more one-time monies. "The treasury is healthy now," he said. "Missouri Southern might have as much as \$1 million available to purchase materials for the library, computer center, labs, etc."

"The outlook in Jefferson City is very good," he said. "We are very optimistic on the part of the Legislature. We feel very good about it."

In other business, Leon announced the official enrollment count at Missouri Southern for the spring semester. The total student count is 3,937, virtually the same as last year.

Total credit hours have increased almost 300 hours to 45,467.

Leon also discussed Southern's third annual Phon-A-Thon.

"We are very pleased about it," he said. "Within the next few weeks we will go over our goal. We were concerned that since we introduced the capital campaign fund drive it would have an effect on the Phon-A-Thon, but once again, we had another great success."

Leon also said a display commemorating supporters of the College is being constructed in the west stairwell of the Billingsly Student Center.



### Gives check

President Julio Leon receives a \$1,500 donation to the College from Wal-Mart representative Vivian Dunnaway. (Chart photo by Richard Williams)

## Gladden calls drive a 'success'

### Phon-A-Thon pledges reach over \$73,000

Proving it is "Alive in '85," Missouri Southern has completed another "successful" Phon-A-Thon fund drive.

According to Kreta Gladden, alumni director, a total of \$73,471.50 had been pledged as of Feb. 21, the last day for calling.

Though that figure falls short of the \$75,000 goal set for this year's drive, Sue Billingsly, director of the Missouri Southern Foundation, said for all practical purposes the goal had been met.

"We still have a number of 'maybe' pledges from those who

were not sure how much they could give at the time they were called," Billingsly said. "Last year, the total for 'maybe' pledges was \$30,000, so most likely we will reach our goal."

Over \$10,000 was pledged during the final day of calling to put the drive near the goal set for this year. Gladden said callers were "very excited and enthusiastic" on the final day of calling.

Gladden, who described the Phon-A-Thon as "a complete success," said most of the credit goes to the volunteers who worked with the fund drive.

## College reviews bus bids

### Colorado dealer meets specifications

Three bus dealerships have submitted bids for a new bus to be added to the College's current fleet. One dealer brought a bus to Missouri Southern this week for inspection by College officials.

Intermountain Bus, a dealership from Colorado Springs, Colo., brought a 26-passenger bus to the campus on Monday.

The bids are being processed through the state purchasing office. The College sent specifications for the bus to the office, bidding was opened, and three bids were submitted. The office then sent the bids to Missouri Southern asking for a recommendation from the College as to the best bus.

"The bid from Intermountain Bus seems to meet our specifications," said Dr. Paul Shipman, vice president for business affairs.

Shipman said the College was recommending the purchasing office go with this bidder. Though the final decision is up to the state office, Shipman said they usually go with the recommendation submitted by the college.

The 26-passenger bus, which carries a price tag of around \$33,000, includes reclining cloth seats, a fiberglass honeycomb body shell, a Ford chassis, and an International diesel engine.

Shipman said the bus would be used for various College purposes. Currently, a 44-passenger highway bus is used for many school functions, but the vehicle is often too large.

"The highway bus is getting older, and we knew we would be faced with a decision sooner or later," he said. "The size of the new bus is very suitable for many of our groups. The highway bus is designed for 44, so many times the entire bus is not needed."

This weekend, the large highway bus was used by the basketball teams for trips to St. Joseph and Wayne, Neb. The bus broke down near Kansas City, and Shipman said it is "very expensive" to have busses of this type repaired.

Shipman said the College may not keep the highway bus much longer.

The new bus is to be shipped in 60 days, according to Shipman.

Though the College currently operates a bus shuttle service to some area communities, Shipman said the new bus would not be used for shuttle purposes.

Lana Baysinger and Missouri Southern's softball team open their season March 16. A season preview will be featured next issue.



With People will perform March 8-9 at Joplin's Memorial Hall. Southern students are former members of the cast.

With People will perform March 8-9 at Joplin's Memorial Hall. Southern students are former members of the cast.

# Professors design heat-pump system

**Phillips, Whittle are pleased with results**

"This has been a huge success. We don't think we could be much more pleased."

This was how Dr. Russell Phillips and Dr. Philip Whittle sum up the results of a new heat-pump system they have developed over the past three years.

Two versions of the heat pump have been completed and are in operation. Whittle said the system, the only one of its kind known to be in use, could cut heating and cooling costs in half for the average consumer.

"We had been talking about the project," said Whittle, professor of chemistry, "quite a bit. About three years ago, we were granted permission to use the old bath house near the biology pond. We spent a lot of time getting the building ready. We got started on the mechanical part of the work late last summer."

Whittle and Phillips had been "playing around" with alternate energy sources several years ago, when the country was facing an energy crunch.

Whittle said the idea for the heat pump came to him from a film the physics department had in the 1970's titled "Bill Loosley's Heat Pump." Their system is similar to the one discussed in the film.

"In the film he describes it as an efficient system. To the best of our knowledge, no one has used it," Whittle said. "It overcomes a lot of problems associated with conventional heat pumps."

Phillips, professor of physics, explained the concept and design of the heat pump.

"Any heat pump," he said, "takes heat from one place and puts it someplace else, and it also raises the temperature. There is a lot of thermal energy in the ground, especially five or six feet down. Even at two to three feet, there is a lot of thermal energy to be used. We pick up the thermal energy by boiling liquid freon circulating in copper tubes down in the ground."

Phillips continued, "Any time liquid changes to a vapor, a lot of thermal energy is needed. We pick the thermal energy out of the ground, and bring it back to the compressor and compress it. When you compress gas, you raise the temperature. The high temperature vapor is then sent into the furnace area, and into an exchange coil called a condenser, where the high temperature vapor is changed back into liquid and given up in thermal energy."

"Then, an average forced-air heating system is used to blow the air through the house."

Phillip said the only energy needed to operate the system is electricity used to run the compressor.

"The big advantage to our system is that we don't have to have an exchange between air and water," Whittle said. "Instead, we use freon."

Through funds obtained from the Faculty Development Committee and the Engineer and Science Club, Whittle and Phillips refurbished the bath house, laid 150 to 200 feet of copper tubing 30 inches below the ground to the west of the building, and installed the compressor. The system was in operation last fall.

"I started taking data on it in October," Phillips said. "The results: we were able to achieve very quickly a COP (Coefficient of Performance) of about five. Basically, that means we are putting five times the energy out we are taking in."

Phillips said a conventional heat pump system would peak out at COP three.

A second model of the heat pump is now in use at Whittle's home. This system is larger than the original model.

"I've been heating my house since the first of December," he said. "I finished the electrical work at 11:30 New Year's Eve. At best, I'm operating at about half the cost of a propane furnace."

To document the efficiency of the system, Whittle said his electric bill from Jan. 19 to Feb. 19 was \$48.

Whittle and Phillips said the current system can be improved to be more cost-effective.

"We can improve the efficiency," Whittle said. "We know what problems we have, but they are not worth changing until the weather is warmer."

The scientists are now waiting for more funding so the ground coils can be improved to be more efficient.

Phillips said he will be building a new house in the near future, and the system will be installed with the house.

"The best place to install the coils is underneath the house," he said. "The major additions required for this system on any house is the installation of coils."

Several persons have expressed interest in the new heat pump system. Eventually, Whittle and Phillips hope the design proves feasible for many new homes.

"Empire District Electric," Whittle said, "is very interested in what we're doing. The peak energy period is in the summer, and our system can be reversed to provide cooling in the summer. There are also four or five people who have said they want the system incorporated into existing heat pump systems."

Whittle and Phillips said the basic concept of the system could also be used to heat swimming pools and dry grain.

"The potential is really high," Phillips said.



## Free service

The Clip Joint, in an effort to promote its new store at the Crossroads Center, gave free haircuts to students Monday in the Lions' Den. (Chart photo by Barb Fullerton)

## University honors James Kirkpatrick Stebbins speaks at dedication ceremonies

Some 300 persons attended ceremonies Sunday afternoon at Central Missouri State University to honor James C. Kirkpatrick, former Missouri Secretary of State.

Chad Stebbins, instructor of communications at Missouri Southern, and Attorney General Bill Webster were among the speakers present to dedicate The James C. Kirkpatrick Office in CMSU's Ward Edwards Library.

Avis Tucker, publisher of the Warrensburg Daily Star-Journal, served as mistress of ceremonies. Other speakers included Leland Culp, Warrensburg industrialist; Dr. James Horner, CMSU

president; and Dr. Michael Lee, director of the library.

"I felt it was an honor to be invited to speak," said Stebbins, who was approached in December when he went to Warrensburg to pick up his completed master's thesis, a biography of Kirkpatrick.

Stebbins believes the reason he was asked to speak "on behalf of the CMSU student body" was "the fact that I knew Mr. Kirkpatrick personally as a result of my thesis. We became well acquainted," he said.

Most of the program was serious in content, said Stebbins, "until my speech. I

## College receives 12 lanterns

Maintenance staff to do the assembly

Lanterns lighting the way to higher education will be installed around campus of Missouri Southern.

Howard Dugan, director of physical plant, said 12 new lanterns arrived yesterday from a foundry that recast patterns from the original lanterns.

"I've got all the lanterns in the back of my truck. They just came today," Dugan said yesterday. "We'll be sandblasting them next week."

The new lanterns will replace some of the older ones which are in need of repair or ones that have been donated for display. One lantern is on display at the Joplin Chamber of Commerce and another lantern is on display at the Capitol Rotunda in Jefferson City.

Each new lantern comes with a price tag of \$134. The lanterns will have to be assembled from individual pieces, sandblasted, and painted.

Persons who have donated money to the College can become members of the "Southern Lantern Society." Plaques will hang in the second landing of the Billingsly Student Center as a "Hall of Honor" to those persons. According to Dugan, lanterns will be hung on both sides of the plaques.

Dugan said there will be 15 lanterns in different places around the campus, and all lanterns will be functional.

The lantern has been designated as the official symbol of Missouri Southern College.

Kirkpatrick's office at CMSU is a replica of the office he occupied during the years he served as Missouri Secretary of State. The office was re-created in great detail, which symbolized Kirkpatrick's Irish heritage. Duplication was completed by moving Kirkpatrick's memorabilia and furniture from his Jefferson City office to Warrensburg.

Kirkpatrick, who has distinguished himself as a statesman, is a 1929 graduate of CMSU. He will serve the university as a guest lecturer in history, government, political science, and journalism classes. He is a member of the CMSU Foundation Board of Directors and the President's Search Committee.

## English department plans workshop

Michigan State University professor to speak

Dr. Stephen Tchudi will lead a workshop on "Reading and Writing (Re)Integrated" from 9 a.m. to 3 p.m. Saturday in the Billingsly Student Center.

Dr. Tchudi is a professor of English and the director of English Education at Michigan State University. Last year he was the president of the National Council of Teachers of English. He has also written several books on teaching English that are used at Missouri Southern.

"We are very fortunate to have him here," said Dale Simpson, instructor of English. "He is a very exciting teacher."

The workshop is designed for language arts, reading, and English teachers at the

junior high, high school, and college levels.

"We have a number of goals," said Simpson. "We want to get high school and junior high school teachers together with college teachers to share ideas and become comfortable with each other. We hope to become better teachers."

According to Simpson, the workshop will consist of a large group assembly and two small group sessions.

In the workshop Tchudi will speak about the "whole language" approach to literacy as a collection of isolated or related skills.

Those participating will also do some

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writing exercises and discuss strategies for integrated English courses in secondary schools and colleges. The workshop will end with a period of questions and answers.

The free workshop is sponsored by the department of English and was funded by a grant from the Faculty Development Committee.

Participants will have lunch courtesy of the College.

Simpson said this workshop is not just for professional teachers. Students are invited, too. Those wishing to attend should contact Simpson at Ext. 324.

Dr. Tchudi will also be on campus at 1 p.m. tomorrow in Room 320 of Hearn Hall to meet with students and faculty for a question and answer session.

## Society seeks new members

Sigma Tau Delta to hold ceremony at noon tomorrow

Sigma Tau Delta, a nationally affiliated English honor society, is recruiting new members. Any English major or minor with an overall grade point average of 3.0 and who has completed two composition classes and two literature classes is invited to join.

The local chapter is holding a formal induction ceremony to honor new members at noon tomorrow in the House of Lords Room of the Billingsly Student Center. Departmental faculty, College administrators, and the organizational officers will conduct the ceremony.

Sigma Tau Delta is the largest English honor society nationally. The society is dedicated to the study of good literature, which the local meetings make possible along with the opportunity for student fellowship.

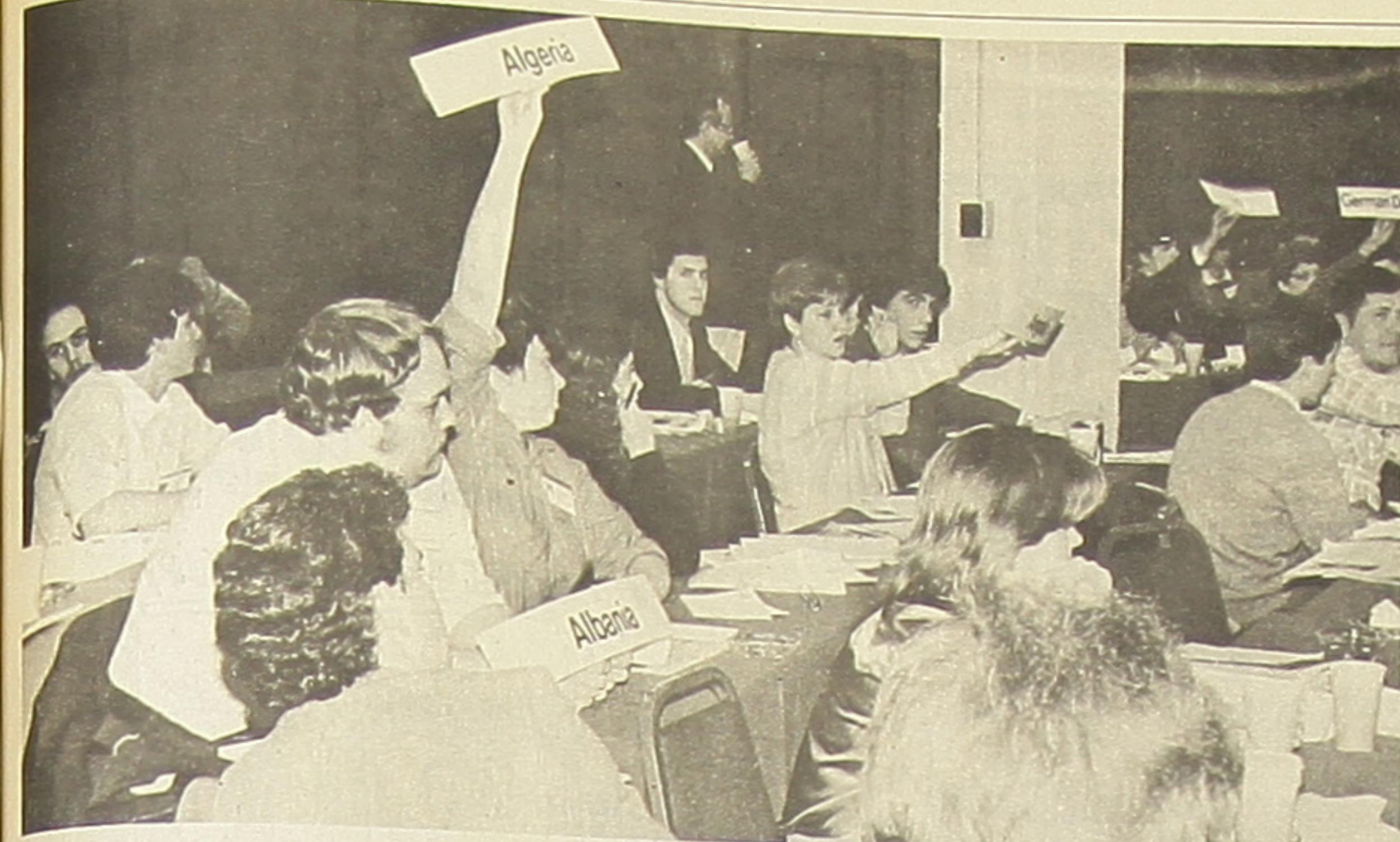
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United Nations

Representatives from Missouri Southern hold up the Algeria sign during last week's Model United Nations Conference in St. Louis. (Chart photo by Debbie Markman-Vaughn)

## 6 students defend Algerian views at Midwest Model United Nations

'We felt like we were part of it, participants, not observers.'

Six Missouri Southern students spent four days last week taking on and defending the views of another country at the Midwest Model United Nations Conference in St. Louis.

Jim Morrison, Southern's head delegate to the Conference, said he learned much from representing Algeria, a third world country whose views vary greatly from those of the United States.

"I think it was very good to take a point of view different than the one we're used to then argue it and work with others who have that point of view."

Morrison served on ECOSOC, the economic and social committee in the Model United Nations.

"We discussed a number of subjects. We passed a treaty on slavery, talked about the role of multi-national corporations in third world countries, and worked on trade restrictions that the United States delegates didn't like."

"I noticed in our discussions the differences between countries. For example, religion, which came up in a couple of different treaties."

Teresa Athey, who, along with Browder Swetnam, served on the Economic and Finance Committee, said working in parliamentary procedure was a new experience for most of Southern's delegates.

"Resolutions were submitted before hand. We'd vote on them, make amendments to them, and three were passed," she said. "They were working in parliamentary procedure which we weren't very familiar with. However, I

learned more in those four days about it and international politics than I've probably learned in a full semester."

"We felt like we were part of it, participants, not observers."

The six delegates, Morrison, Athey, Swetnam, Debbie Markman-Vaughn, Lou Ann Little, and Angie Mason were spread between four committees and ECOSOC. Mason worked on the Special Political committee, and Markman-Vaughn and Little sat on the Political and Security Committee.

During the first two-and-one-half days, the delegates worked in their respective committees. Resolutions were submitted and discussed. Then in the last day-and-one-half the General Assembly met as a whole. Only four delegates from each country could be on the floor at a time so the delegates took turns sitting in ECOSOC with Morrison whose committee never met with the group as a whole.

Dr. Paul Teverow, assistant professor of history, attended as faculty sponsor for the delegates and also served as a judge on the International Court of Justice, something newly incorporated this year.

"We tried three cases that have actually come before the Court of Justice in which students whose countries were involved served as counsels to plead their countries' case," he said. "As judges, we weren't bound to make the same decision. We based them on the students' presentations."

Teverow said he was pleased with the amount of work the students put into the project.

"People had to research not only Algeria and its stand on issues but all these issues in general to get an idea where other countries stood."

Algeria, in reality, votes with three overlapping blocs of countries, and during sessions, the students worked with them.

"The first group is made up of the African-Asian countries; the second consists of third world countries, and the third is the eastern bloc of countries," Markman-Vaughn said. "We were friendly with countries like Cuba, Vietnam, Angola and the PLO. And we weren't friendly with the United States and Russia but would lean more towards Russia on some issues."

Mason, who was Southern's only delegate on the special political committee, said she noticed hostility between nations concerning issues.

"There was a lot of arguing and adjournment of issues in committee," she said. "We only passed two cultural issues and two on collective security, one which condemned South Africa, and only one of each passed in the General Assembly."

Teverow said he plans to take a delegation again next year with possibly more positions available for students.

"I learned a lot of things from this project," he said. "First of all, students will devote a lot of time and effort to a project if they are really motivated. These students were. We especially owe the three people who did research an awful lot. We wouldn't have been prepared without them."

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## CAB plans seminar on domestic violence

### Brady will speak on her experiences

Domestic violence, including child abuse, incest, and rape, will be the topic of a three-day seminar at Missouri Southern next week.

Katherine Brady, once the victim of incest and rape, will lead the seminar Monday with a lecture at 11 a.m. in the Connor Ballroom of the Billingsly Student Center.

Brady is the author of *Fathers' Days*, an autobiography of her experiences as an abused child.

She has established The Katherine Brady Foundation, a non-profit organization serving the needs of victims of incest and child abuse. The Foundation acts as a clearing house for support groups and therapists throughout the nation.

Crisis counselors Debbie Knight, Judy Garrity, Frances Miller, and director of administrative services Alison Malinowski from the Family Self-Help Center in Joplin will conduct a panel discussion Tuesday. John Godfrey, psychologist from Ozark Mental Health, will join them for the 11 a.m. discussion. There will be time allotted for a question and answer session.

According to Godfrey, there were approximately 37,000 cases of child abuse and neglect in the state of Missouri last year. Godfrey works with families refer-

red to Ozark Mental Health through the Division of Family Services and law enforcement agencies.

"We use a number of different modalities," said Godfrey, "whatever best fits the situation." The Family Self-Help Center is a private, non-profit organization which had its beginnings at Southern. Through an ecumenical council and work done by several Southern professors, a need was recognized for a shelter for abuse victims.

Starting with 15 beds, the shelter has grown to a 24-bed facility. Initially, the program was for battered women. It now includes the areas of sexual assault, rape, alcohol and drugs, and sexual abuse of children. The center has a staff of 16, eight of whom are professionals.

"We don't seem to have reached the peak (of abuse) yet," said Dick Godsey, director of community services for the center.

Wednesday at 10 a.m. the film *How to Say No to a Rapist* will be shown in the Connor Ballroom of the BSU. The film will be presented by Detective Dale Owens of the Joplin Police Department, and Wayne Johnston, director of security at Southern.

Campus Activities Board is sponsoring the seminar.

## Senate appropriates funds

### Cheerleaders receive only portion of request

request for funds to cover their 10th anniversary celebration was not passed.

Dr. Glenn Dolence, dean of students and Student Senate advisor, told Senators at the end of the meeting that there was "only so much money in the College budget to appropriate to different organizations on campus."

"We've had a couple of lean years, but we provide as much for the cheerleaders as any other college in the CSIC," he said.

"Their budget was \$2,000 last year, and we increased it by \$1,500 this year. In addition to that, the sponsor received a

\$1,000 salary. They spend the money how they want, and sometimes we don't hear the whole story."

## Nurses ask for help in drive

Club hopes to collect 125 pints of blood Monday

In cooperation with the American Red Cross, the Student Nurses Association will be conducting a blood drive from 9:30 a.m. to 2:30 p.m. Monday in the Billingsly Student Center.

A goal of 125 pints has been set. Anyone who is able to give blood is urged to participate.

Student nurses will be monitoring the temperature and blood pressure of those

persons donating blood.

Venice Davidson, a member of the club, said the SNA is challenging campus organizations to participate in the drive.

"We're giving away two plaques for the most pints donated by a campus organization," she said.

Refreshments will be provided for those donating blood.

## MISSOURI SOUTHERN STATE COLLEGE

### SCHEDULE OF CLASSES

#### MID-TERM OR OFF-SCHEDULE

#### SPRING 1985

Line No.	Course No.	Course Title	Cr.	Hour	Days	Rm.
3000	OA 298	Microcomputer Keyboarding	1	9:00- 9:50	T Th	MH311
3001	ECON 180	American Economic System	3	8:00- 9:50	MWF	K102/ B103
3002	PSY 100	General Psychology	3	2:00- 3:00	DAILY	TH213
3003	MUS 110	Music Appreciation	3	8:00- 9:00	DAILY	M108
3004	COMM 100	Oral Communication	3	12:00- 1:00	DAILY	AU239
3005	PSY 105	Self Awareness & Career Planning	1	9:00- 9:50	M W	BSC313
3006	PSY 105	Self Awareness & Career Planning	1	11:00-11:50	T Th	BSC313
3007	MS 112	Military Team Skill	2	10:00-10:50	M T	PA117
		Lab		10:00-10:50	W Th	RANGE
3008	MS 112	Military Team Skill	2	12:00-12:50	M T	PA118
		Lab		12:00-12:50	W Th	RANGE
3009	TH 122	Theatre Laboratory	1	*9:00-12:00	T Th	STAGE
3010	TH 122	Theatre Laboratory	1	*1:00- 4:00	T Th	STAGE
3011	HIST 120	US Hist 1877-Pres	3	2:00- 3:10	MTWTh	H324
3012	PSC 120	Govt US State Local	3	3:00- 4:10	MTWTh	L130

\*Student enrolls for 2 consecutive hours within this timeframe

Registration for these courses will be held Thursday and Friday, March 7 and 8 in the Registrar's Office lobby, Hearnes Hall--1st floor between 9:00 - 11:00 a.m. and 1:00 - 3:00 p.m. Classes begin on March 18 (Monday after Spring Break) and continue through the end of the semester. Last day to drop a mid-term class with a "W" is Thursday, April 18.

# In the open

## Weinberger must convince Congress

Most persons probably cannot envision a trillion dollars, or a trillion anything else, for that matter. Yet in the last four years, one department of government, Defense, has spent that much and is demanding more. The President thinks it should get more, as indicated in his recent budget request to Congress. But his request is unlikely to be met. Already, key leaders in his own party oppose him. The person handling their beefs is Defense Secretary Caspar Weinberger.

Weinberger insists that freezing the defense outlays at current levels would all but ruin the military machine. He claims that a 13.7 per cent increase is vital to the defense. Yet his claims are hard to believe. He talks about programs in the military machine being set back several years, and purchases in many areas being reduced 40-50 per cent. It is hard to understand how spending the same amount buys so much less. It is also hard to understand why so much must be spent in the first place. The answer comes from Weinberger himself. He thinks that the Russians will pounce the instant we freeze our defense. In his words, if the defense budget is frozen, we can't "...expect to remain safe in this kind of world...." With the power to destroy the world several times over, safety hardly seems to be an issue.

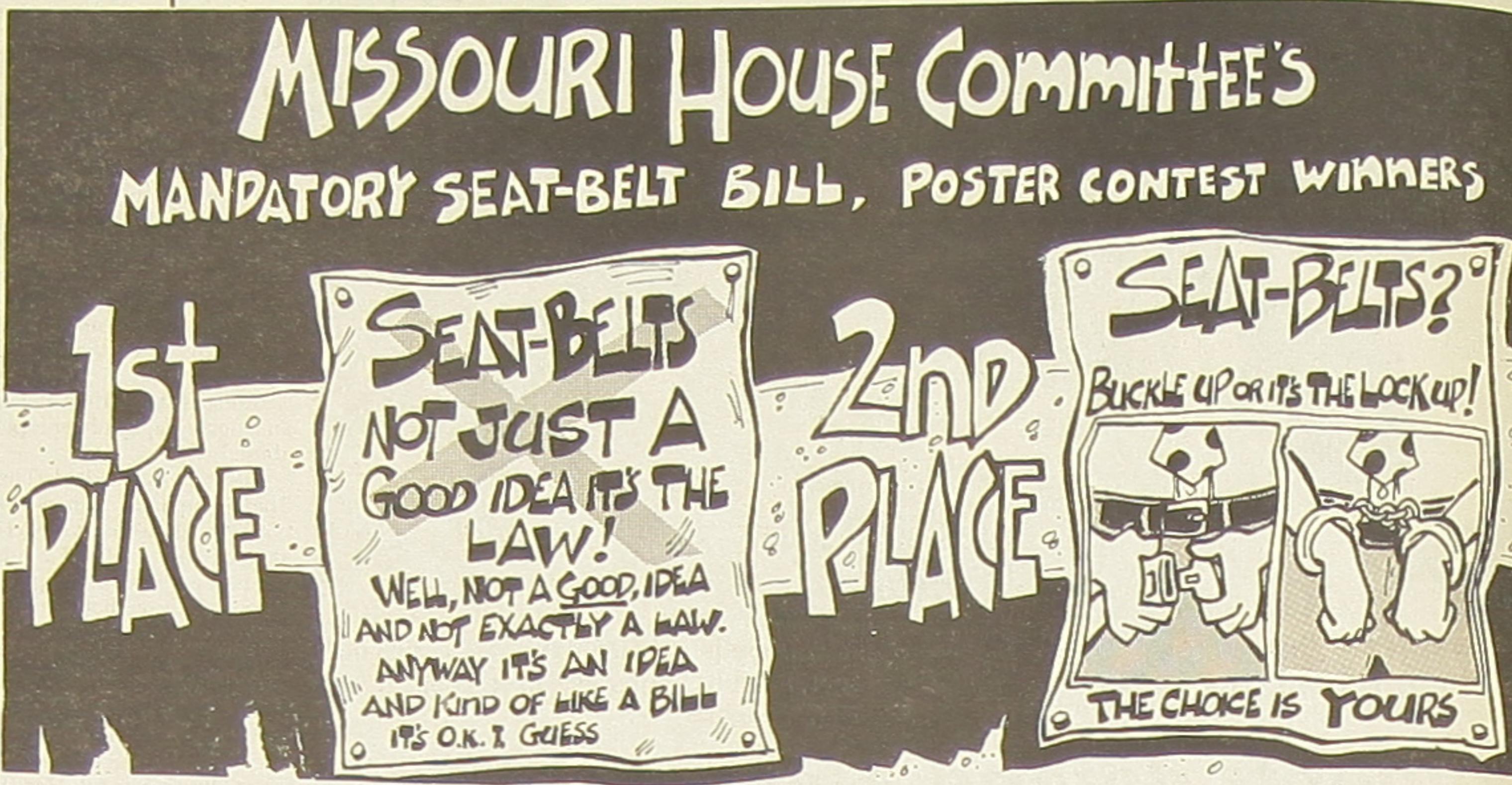
Before the increase in military spending could be fit into the proposed budget, many federal programs were reduced or eliminated outright. Those programs up for elimination include general revenue sharing, the Small Business Administration, the Legal Services Corporation, urban mass transit projects, rural housing loans, and Amtrack. Programs up for reduction include student aid, environmental protection, and agriculture assistance. The response from both sides of Congress has so far been lukewarm. Hopefully it will continue to be.

Despite Weinberger's claims that the defense budget is already as lean as possible, stories of excess fat continue to rise. Persons are tired of \$7,600 coffee pots, \$436 hammers, and \$700 toilet seats. This time around, Weinberger will have to produce more than scare stories to convince Congress he needs more money.

## Flow of criticism is uncalled for

Refusing to recognize its sovereignty, the Reagan Administration continues to attack the government of Nicaragua with uncalled for rhetoric. Nicaragua has a government chosen by a majority of its people. When our president refuses to recognize that fact, he is going against those very ideologies upon which our nation is based.

Continued negative rhetoric directed at the Sandinista government will only drive the nation further from America and her true ideologies, since the only place they can turn to for help is Cuba and the Soviet Union. The flow of criticisms from the Reagan Administration should stop before the damage becomes irreversible.



### Editor's column:

## Southern has many advantages over large schools

By Simon P. McCaffery  
Associate Editor

Why do I feel like Rodney Dangerfield every time I tell someone I attend Missouri Southern State College?

Too many times I have met up with an old friend from high school (ah, we were all so humble then...) home for the summer from some larger, out-of-state college or university, only to have him or her sneer when they find out where I go to school.

I never get any respect!

And too many times, it seems to my convoluted mind, my *alma mater* doesn't either.

My friends, the same kids who used to jump railroad tracks in aging cars with me, spar and sword-fight with big padded clubs, play cards all night and consider climbing the Joplin radio towers in the nude, putting down my college!

Blasphemy!

OK, let's square a few things away. People say, "Ohhh, Simon, Southern is sooo small." They say, "Simon, Southern doesn't offer anything, NOBODY's ever heard of Southern, a degree from Southern belongs in the bird cage..."—and on and on.

Well, listen out there, Southern may not be as large a school as other institutions of higher education around, but considering the short comparative time Southern has been operating, it is growing steadily and stronger. Our campus is a modern one in every respect, and is being expanded yearly. With the growth of several buildings on the

foreseeable horizon, coupled with the addition of television and radio stations, Southern may very well be a power to be reckoned with a decade down the road.

While larger, more expensive universities struggle with falling enrollment, Southern continues to draw students from Missouri and a smattering of other states. As the school continues to grow and improve, the word will get around that something is going on down here.

Southern may not possess the reputation and credibility given some schools (I have yet to encounter a solid, broad education being born of reputations), but any student who wishes to *educate* themselves will find they can accomplish the act at this college.

And the cost of a college degree at Southern is *low*. Despite the fact that tuition at Southern has nearly doubled since my freshman year in 1981, the amount remains one of the best education bargains around.

As for the quality of education at Southern, anyone who is the least bit familiar with the staff and faculty working and teaching here must recognize the high level of devotion and dedication they possess. Kids who believe their large university instructors are more difficult probably develop this absurd idea from the fact that it is hard to receive attention and personal help from an instructor when you are competing with 60 other kids for any attention.

(Did you raise your hand, R7-S9?)

Yes, Southern is smaller, and that means that the student load in most classes is lower, allowing

instructors to interact with the students on a one-on-one basis when necessary. Education should not be like a drive-thru or a computerized bank teller.

As for the quality of courses offered, I know for a fact that Southern's required courses are equal or better than those of many other "big-time" institutions. So what if my friends can take a class in "10th Century Social and Political Abstraction and Popular Dance?" I'd rather get a solid grounding in arts, sciences, history, etc. (and don't tell me you get that in American high schools, OK?) Southern offers solid, well structured courses for all its schools. Students who graduate with degrees from Southern are students who are well prepared to utilize what they have learned in their respective lives, whether it be business, biology, or dental hygiene.

I am not presuming that Southern is the greatest college in the world, nor am I reporting it to be without some faults. What I am saying is that Southern is a progressive, aggressive school that knows what it wants to accomplish, and sets out to do it. The man who declares Southern is static has pie in his face and toilet paper stuck to his shoes.

So, some people want to have a giggle about my school? Well, they can just go on doing that, while their parents go bankrupt paying outrageous amounts of out-of-state tuition so they can attend a "reputable" school. I'll stay where I am.

### In Perspective:

## Typing skills should be learned before needed

By Kathleen Grim  
Instructor of Business Administration

You think you want to learn to type? The best time to learn a skill is before you need it.

With so many businesses using electronic equipment, you can bet that regardless of what work you are preparing to do, you are going to need to know how to use a typewriter keyboard by the touch system. Current articles suggest that one could be turned down for employment without the skill to use the typewriter/computer keyboard, [which is found at all levels of employment—on the factory assembly line, in the doctor's office, at the airline counter, and at the executive's desk—to name a few].

Neatly typed assignments pull better grades. Typed rough drafts are faster and easier to edit. These facts alone show the importance of college students using this skill. To learn the skill before you need it, it should be taught in elementary school, [and there is support for teaching it there]. But we can't go back—and college students of today didn't have computers in their elementary classrooms, nor did they all budget time for the class in high school].

Self-learning is possible, I suppose; however, motivation, time, and assistance in development of good techniques comes best in a formal classroom setting. Life-long habits are formed early and good ones are important for productivity and ease of performance. It is true that letters,

numbers, and symbols are displayed on keys, but the "hunt-and-peck" method is not an efficient keyboard method. Besides, it is frustrating to the operator. On the other hand, once you develop skill it will be useful to you.

It is not too late to learn. Whether you take a three-hour course and develop some speed as well as learning to center, type tables, manuscripts, letters, envelopes, etc., or a one-hour course in basically learning to operate the alphabetic, numeric, and symbol keys by the touch system would be determined by your personal needs. But it is my belief that everyone needs some formal training in keyboarding. If you have thought of taking a typing or keyboarding course, I would encourage you to do so at the earliest opportunity.



## The Chart

### Missouri's Best College Newspaper

MCNA Best Newspaper Winner

1975, 1976, 1977, 1978, 1982, 1983, 1984

The Chart, the official newspaper of Missouri Southern State College, is published weekly, except during holidays and examinations periods, from August through May, by students in communications and laboratory experience. Views expressed in The Chart do not necessarily represent the opinions of the administration, the faculty, or the students.

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# On the scene

## Medical technology diminishes injuries

Lampe feels today's athletes have better chance of complete recovery

By Shaun LePage  
Chart Reporter

Improved medical technology and conditioning programs have "dramatically" reduced the number of athletic injuries, according to Kevin Lampe, certified athletic trainer.

"Medical care has improved greatly for athletes," said Lampe, who is in his seventh year as Missouri Southern's athletic trainer. "Players today have the opportunity to talk to the specialists, and receive care much easier than they have in the past."

Lampe heads a staff composed of students who are trained in "in-house" sessions, where they are prepared for the situations they might possibly have to deal with. They are all required to take a certain curriculum.

"Most athletic injuries are not serious, life-and-death situations," said Lampe, "but you've got to be prepared for them anyway."

Lampe said his staff most often deals with joint and muscle injuries.

An athlete with an "acute" injury, which is an injury that "just happened," will first be examined by Lampe or by one of the staff members. A diagnosis is made, and the athlete is given treatment. Although Lampe does not examine every athlete who is injured, he is given a report on the athlete. He then approves or disapproves of the action taken.

If the injury is serious, Lampe will refer the athlete to a specialist.

"We are in touch with a group of doctors that work with us in all the specialty areas," said Lampe.

## Injury ends his career

### Two operations repair Wenninghoff's knee

Although he has had to give up playing football "on the field", John Wenninghoff has remained active on the sidelines since his knee injury in September.

"It hurt a lot when I was injured," he said. "Football meant a lot to me."

"I still like to be around it and help as much as I can. I help out with drills and tell the guys when they are running." Wenninghoff, who was injured in a game against Pittsburg State University, underwent two operations to repair his right knee.

During the first surgery in early October, doctors did an arthroscopy of Wenninghoff's knee.

During the surgery Wenninghoff was given a spinal anesthesia to deaden his nerves from the waist down, which caused complications afterward. Severe headaches and vomiting forced him to the emergency room twice, and he was finally given a blood patch. In this procedure 12 cc's (cubic centimeters) of blood are taken from Wenninghoff's arm and straight up his spine.

"Before the surgery they weren't sure of what all was wrong," he said. The first surgery ended up to be more of an exploratory surgery, but their predictions were right."

Doctors found Wenninghoff had torn a lateral meniscus, cartilage, and had a substance tear of the anterior cruciate ligament, in his right knee. Unlike most ligament tears which pull apart from the bone where they are attached, Wenninghoff's ligament had torn apart in the middle.

When the major repair surgery was performed, doctors originally planned to cut out part of the cartilage and fix the ligaments by wrapping a tendon around the knee. However, the tendon was not in good enough condition for the procedure and the ligament could not be repaired otherwise.

Sutures were tied individually, and the ligament was drawn through the knee with a drill then tied to the other side.

Wenninghoff was left with two six-inch scars on both sides of his knee, and in a great deal of pain. His doctors put him on a rehabilitation plan to rebuild strength and flexibility in his leg.

"Within two or three months, I will be able to do most everything I did before and then eventually everything," said Wenninghoff.

"I started by lifting weights with my

The treatment an athlete is given depends on the severity of the injury, and the person making the diagnosis.

"There might be 10 kids get hurt today," said Lampe, "and they might all have a different therapy."

According to Lampe, athletes today can return to action sooner, and have a better chance for a more complete recovery than athletes of the recent past. The main reason for this is the advancement of medical technology. One example is arthroscopic knee surgery.

"The 'scope,'" said Lampe, "can make the difference between an athlete being out for 11 to 14 weeks, and being back after as little as two weeks."

Because "the scope" can sometimes eliminate the need for large surgical incisions, doctors can reduce an athlete's recovery time. "The 'scope' was used on a limited basis as little as five years ago, but today, it is used extensively."

Another reason Lampe gave for the reduction of injuries was that the coaches of today are more knowledgeable about injuries. Better conditioning programs which keep athletes in shape all year long are one of the many ways coaches are preventing injuries.

Also, smaller colleges, such as Southern, have recognized the need for a medical staff. In the past, many colleges did not have any programs for injured athletes.

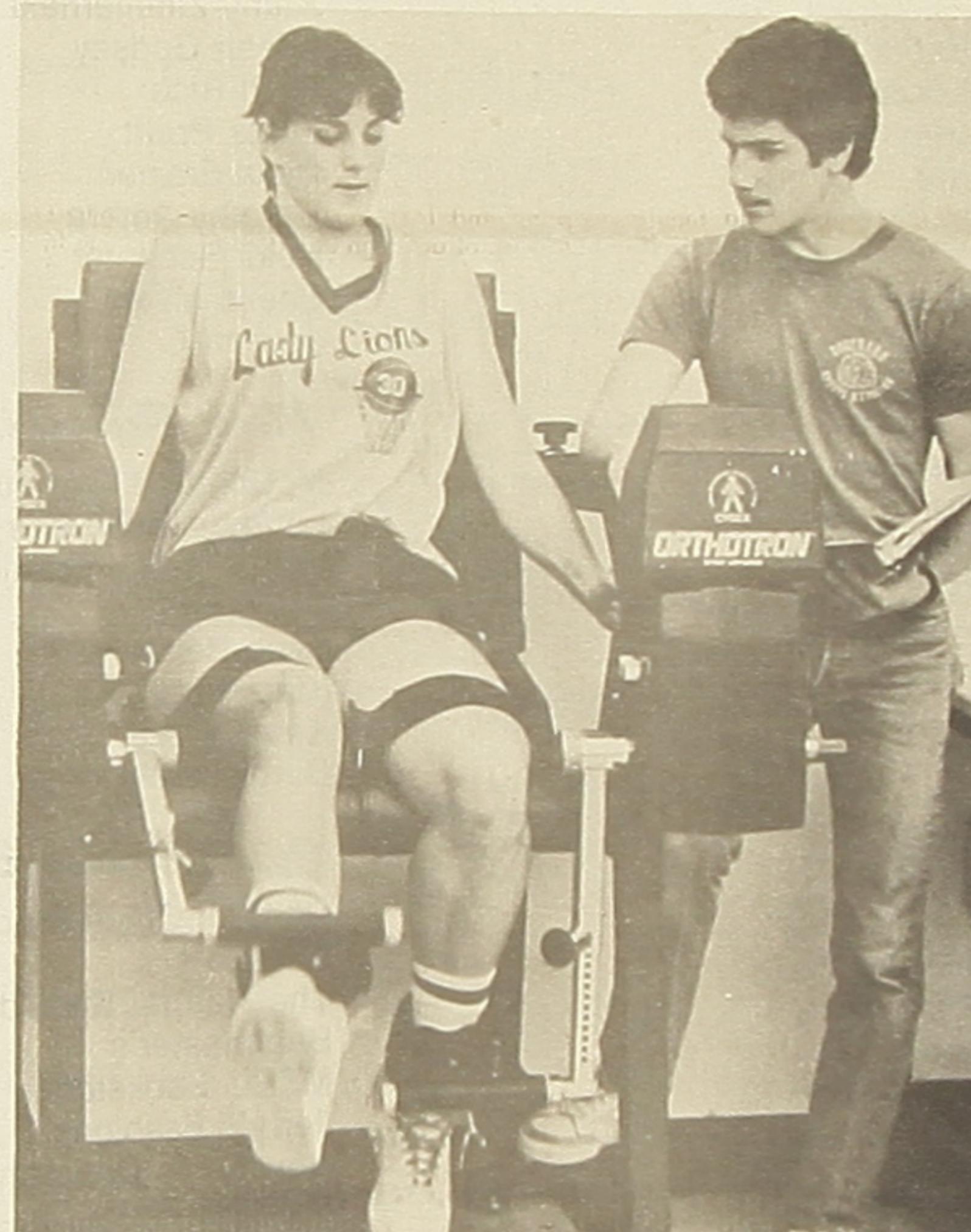
"Injuries will happen," said Lampe. "There's still no guarantees."

"But, the odds are greater (of sustaining an injury) while you're driving in an automobile than they are for an athlete on the playing field."



**Injured athlete**

Athletic trainer Kevin Lampe checks the range of motion on an injured athlete's knee. Student trainer Renee Goveau (right) is assisting Lampe. (Chart photo by Shaun LePage)



**Daily therapy** Student trainer Brian Nitz (right) assists Margaret Womack on the Orthotron.

## Womack credits loss of brace for her improved performance

The only evidence of her injury is a scar

seen."

Womack came to Southern only weeks after her injury, and started rehabilitation through the Southern athletic program.

"The doctor told me I'd be out for six to eight months," she said, "but I was back in about five."

Although the injury slowed Womack considerably her first two years as a Lady Lion, the only evidence of her injury this year is the scar from the operation. She is currently leading the Lady Lions in scoring. In addition, Womack was named CSIC Player of the Week and NAIA District 16 Player of the Week two weeks ago.

"I think right now it's completely healed—100 per cent," she said. "But it still aches after games."

"I have to keep it in shape. I think that if I let my leg get out of shape, then it could be a problem."

"For me, personally, it was worth it, but I don't know if I could go through it all again."

## Starkey has reminder of career-ending injury

### He still feels the pain in his left knee

Pain in his knee is a constant reminder for Dr. Sam Starkey of the injury that ended his basketball career.

"It hurts right now," said Starkey, associate professor of psychology at Missouri Southern.

Starkey, who participated in football, basketball, and track at Southwest Missouri State University after graduating from Lockwood High School in 1949, still remembers and feels the injury that ended his basketball career.

While playing football during his freshman year at SMSU, Starkey sustained a blow which tore cartilage in his left knee. Although he was forced to give up playing basketball, he continued in football and track his sophomore year. He transferred to the University of Arkansas his junior year, but did not play in any athletic contests.

Starkey's knee injury was not the only injury he sustained. His nose was broken four times.

"I have trouble breathing on cold days," said Starkey, "It hurts, but at least I can

breathe."

"You don't mind the broken noses, and the chipped teeth; I played before they had face masks. But the knees really bother you."

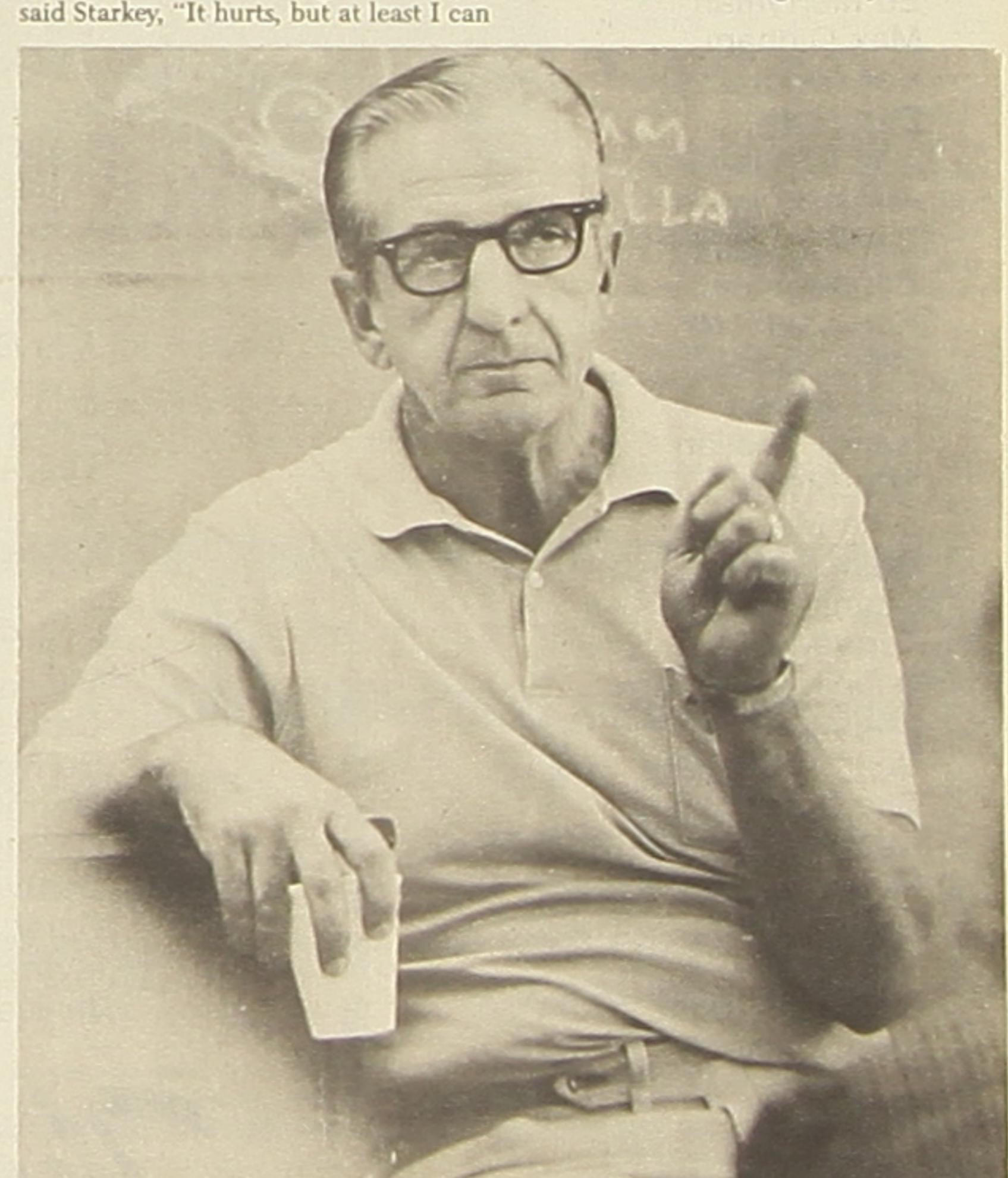
Although his knee still "bothers" him, Starkey remains as active as possible. He plays golf, tennis, and jogs even though he said he cannot jog long distances, especially when it is cold.

"It keeps me from doing the things I'd like to do," he said. "I think I could've been a pretty good racquetball player, but I can't turn on this knee."

Starkey said injuries are a part of sports, and that it would be unfair to say that sports are wrong because of them.

"I don't think you can avoid the injuries," he said. "That's why you've got to play because you really want to, not because you feel like you have to."

"It's difficult to say whether or not it was worth it to me. I would hate to have been without the experience and the team camaraderie...it's tough to say."



**Recollection**

Dr. Sam Starkey still has a reminder of a painful knee injury.

# Southern's Alive in '85

## *Co-Chairmen*

Mrs. Carolyn McKee  
Miss Gene Wild

## *Captains*

Robert Higgins  
Jim Frazier  
Lorine Miner  
Delores Honey  
Elaine Freeman  
Ed Wuch  
Don Seneker  
Carmen Carney  
Doug Coen  
Peter Huey  
Greg Hamilton

## *Special Kick-off Callers*

Julio Leon  
Loren Olson  
Glenn Wilson  
Carolyn McKee  
Bill Putnam, Jr.  
Gilbert Roper  
Cary Norman  
Nick Harvill

## *Volunteer Callers*

June Blalock  
Nancy Karst  
Charles Leitle  
Kathy Grim  
Ron Durst  
Debbie Thompson  
Mary Ensminger  
Marilyn Ruestman  
Joy Cragin  
Teresa Finder  
Betty Irock  
Harrison Kash  
Janice Steele  
Bill Putnam Jr.  
Retha Ketchum  
Dwayne Jeffries  
Doris Elgin  
Jim Jackson  
Erv Langan  
Glen Barnett  
Sallie Beard  
Richard Humphrey  
Art Davis  
Bill Livingston  
Ed Merryman  
Max Oldham  
Ken Hempen  
Daryl Deel  
Lisa Funderburk  
Roger Paige  
Beverly Culwell  
Bobbie Short  
Ron Lankford  
Betty Nickels  
Dick Finton  
Nancy Bastian  
Bob Steere  
John Messick  
Brent Hensley  
Connie Godwin  
Terry Marion  
Debbie Christman  
Chris Carlton  
Doug Carnahan  
Charles Thelen  
Duane Hunt  
Milton Brietzke  
Robert Smith  
Gwen Hunt  
Gabriela Wright  
Larry Karst

Autum Aquino  
Conrad Gubera  
Sonia Higgins  
Charlotte Thelen  
Vickie McKinley  
Bobbie Mayes  
Rajiv Kapoor  
Judy Conboy  
Allen Merriam  
Elissa Manning  
Marilyn Jacobs  
Paul Teverow  
Georgiana Menapace  
Kevin Lampe  
Michael Yates  
Randy Doennig  
Terry Donahue  
Marion Sloan  
Todd Graham  
Truman Volskay  
Glenn Dolence  
Mary Elick  
Pat Lipira  
Sheri Williams  
Jim Sandrin  
Paul Shipman  
Al Carnine  
Daphne Massa  
Dennis Sutton  
A. L. Strobel  
Marti Baughman  
Ann Rainey  
Ana Boyer  
Judy Headlee  
Connie Smart  
Donie Russell  
Ralph Russell  
Ray Harding  
Michael Gilpin  
Carole Ketchum  
Gloria Turner  
Joe Lambert  
Beth Utter  
Donna Ham  
Pete Garrison  
Chris Christman  
Elaine Murray  
Denise Grimm  
Doris Walters  
Ed Reynolds  
Barbara Fullerton  
Jean Campbell  
Carmen Tucker  
Larry Goode  
Joe Sims  
Pat Kluthe  
Lynn Iliff  
Nancy Foster  
Chad Stebbins  
Eric Brown  
Steve Holt  
Terry James  
MaryBeth Murray  
Lee Ann Langan  
Carla Powers  
Lee Ann Addison  
Lori Taylor  
Jackie Holmgren

Lynn Hempen  
Karen Wilson  
Dorothy Kolkmeyer  
Miriam Morgan  
Cleetis Headlee  
Pauline Wolfe  
Enid Blevins  
Sam Claussen  
Lynne Rusley  
Nerina Youst  
Trij Brietzke  
George Greenlee  
Ann Marlowe  
Joyce Bowman  
Vernon Baiamonte  
Charles Moss  
Judy Kukes  
Barbara Spencer  
Rachelle Spencer  
Erma Hartley  
Edith Compton  
Doug Coen  
Janet Hill  
Trula Shipman  
Mildred Long  
Shirley Jiles  
Sharon McGuire  
Ron Foster  
Kathy Zimmerhakl  
Eileen Godsey  
Ruth Rice  
Linda Pruitt  
Della Frazier  
Dorothy Antera  
Heidi Schaefer  
Sheila Myers  
Jo Ann Fry

## *Meals Provided By:*

McDonald's Restaurants  
Long John Silver's Seafood Shoppe  
Wendy's Old Fashioned Hamburgers  
Pizza Inn  
Taco Bell  
King Pizza  
Ken's Pizza  
Burger King

## *Gifts Provided By:*

Roger's Office Products, Carthage  
Kassab's  
The Natural Shoulder  
Beefmaster's  
MSSC Bookstore  
Jerry's Fashions  
Newman's Department Store  
National Pizza Co.  
Wyatt's Cafeteria

## *Refreshments Provided By:*

The Pepsi-Dr. Pepper-7 Up Bottling Co.  
Guy's Foods  
Banta Fruit Co.  
American Food-Management  
Smith Food and Vending  
IGA Thriftway, 4th St. and Range Line  
Joplin Tobacco Co.  
Flemming Foods of Missouri  
Sub Shop at Webb City

## *Special Thanks To:*

Howson's Office Supply  
MSSC Maintenance Crew  
MSSC Mailroom  
MSSC Office of Public Information  
MSSC Art Club

# Thank You!

Mo. Southern  
Theatre  
Tortoise and the Hare  
3 p.m.  
Saturday and Sunday  
Taylor Auditorium  
  
CAB Movies  
'Christine'  
7:30 and 9:30 tonight  
Barn Theatre  
Next Week:  
'All of Me'

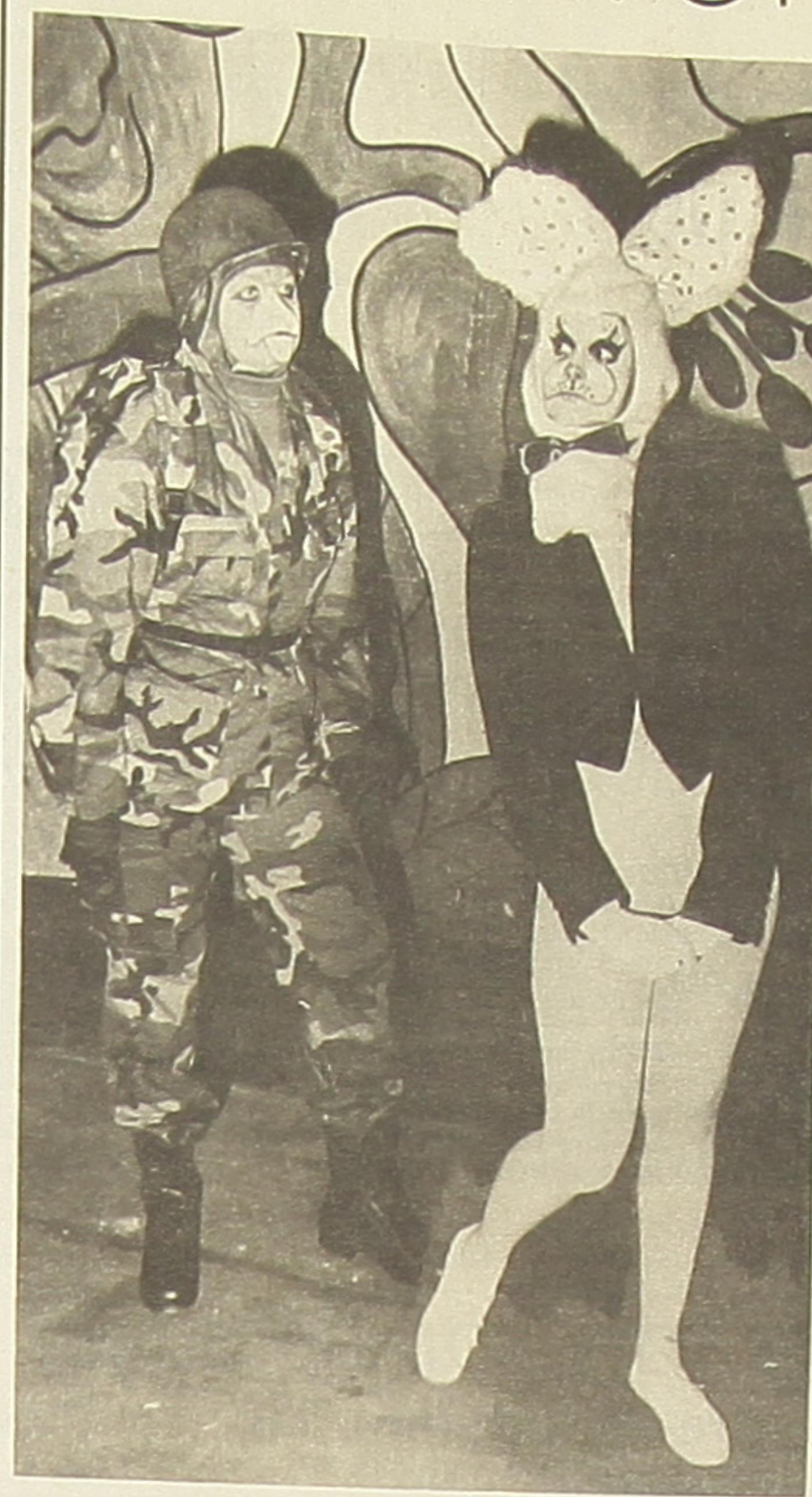
HOW DO YOU KILL SOMETHING THAT CAN'T POSSIBLY BE ALIVE?

CHRISTINE

CAB Dance  
9 p.m. to midnight  
Monday  
Lions' Den (BSC)

Seminars on  
Domestic Violence  
in Connor Ballroom  
11 a.m. Mon.: Lecture  
by Katherine Brady  
11 a.m. Tuesday:  
Panel discussion  
10 a.m. Wednesday:  
Film—How to Say No  
to a Rapist'

Art Exhibits  
Francisco Goya  
March 4-31  
Spiva Art Center  
Junior high students  
March 3-24  
Balcony Gallery  
Spiva Art Center  
Art majors  
Balcony Gallery



### Let's Race

Miss Fleet (Gerri-Ellen Johnston) taunts Ms. Sloe (Carol Ogle) before "cross-country race."

## Art exhibit to feature copper plate etchings

Napoleonic atrocities inspire graphic works

An art exhibit featuring graphic depictions of "The Disasters of War" will be at the Spiva Art Center at Missouri Southern.

Francisco Goya, a Spanish artist who lived from 1746-1828, worked on copper plates etching his interpretations of the Napoleonic atrocities committed during the period of 1804-1814.

Val Christensen, director of the Spiva Art Center, said the show is an exhibit that should not be missed.

"The function of this art is to agitate and to cause one to think about the experiences that are going on in the art," said Christensen.

Christensen said this show serves well to bring art to the academic level that it belongs. Christensen said that the form of art being used

with Goya art (prints) is a democratic form of art. It can be easily reproduced.

"Goya is perceived as one of the precursors to the Romantic period of art. Goya is somewhat to the nature of Beethoven," said Christensen.

Dr. Carmen Carney, professor of communications, said that Goya's work throughout his career became more and more distorted in that he was progressively losing his mind.

"They have not been reproduced so much that a lot of the crispness is gone as so many prints are."

The works come from the collection of the Sarah Campbell Blaffer Foundation. The show is brought to Southern by Mid American Arts Alliance and will be held from March 3-31.

## Junior High students exhibit artworks in Spiva balcony

Young artists given chance to see others' projects

Twelve area junior high schools will participate in an exhibit of art works from the traditional drawings to two and three dimensional paintings.

Jon Fowler, director of the art department at Missouri Southern, said the art department is sponsoring a junior high showing that will allow the participants to display their works March 3-24 in the balcony of the Spiva Art Center.

Elania Edman, art teacher at Diamond Junior High School, has put the show together to give the students a chance who at this age

have never exhibited art works before.

"There will be about 20 students from each school and it is an excellent opportunity for them to get together and see what everyone else is doing," said Fowler. "It is also a good chance for the parents to see what their children are doing."

Fowler said the works will include traditional drawing, pen and ink, two and three dimensional, watercolor, and some tempera.

Fowler said he would like to see it become an annual event.

## Hungarian film depicts important event in history

'The Round Up' explores psychological intimidation

Suspected Hungarian freedom fighters are captured by Austrian officials in the Hungarian film *The Round Up*, presented by the Missouri Southern Film Society.

Depicting an important event in Hungary's history, the film is set in 1868 in the newly-created Austro-Hungarian empire. The entire action takes place at an isolated prison in the midst of a vast plain.

The film will be shown at 7:30 p.m. Tuesday in the Connor Ballroom of the Billingsly Student Center. Admission is \$1.50 for adults and \$1 for senior citizens or students.

each other, and the psychological and physical effects of intimidation on confined human beings.

*The Round Up* is directed by Miklos Jansko. Film historian Philip French described it as "completely self-contained artistically by its own ruthless logic." Peter Cowie labeled it "the most impressive postwar film from Hungary."

The film will be shown at 7:30 p.m. Tuesday in the Connor Ballroom of the Billingsly Student Center. Admission is \$1.50 for adults and \$1 for senior citizens or students.

# Arts Tempo

## Crews work hard on play

### Several departments make contribution

Performances Saturday and Sunday of *The Great Cross Country Race* will be the culmination of many hours of hard work for the cast and production crew.

Preparation for Alan Broadhurst's dramatization of *The Tortoise and The Hare* began in January with auditions. After the cast was chosen, work began on special make-up effects for the nine animals in the play.

In order to give characters a more realistic appearance as animals, Duane Hunt, assistant professor of theatre, designed make-up for each animal character based on the bone structure of the actor's face. Pictures were taken of the actors' faces without make-up for Hunt to work with.

Costumes were designed by Trij Brietzke to relate specifically to the characters and their roles.

Several departments on campus have contributed to different areas of play preparation.

"This is not just a production of the theatre department," said Milton Brietzke, director of theatre. "At least four departments at Missouri Southern have contributed to the production."

Action of the play is centered around a sports day celebration in which the animals plan to demonstrate their skills. The tortoise decides to challenge the hare in the hare's area of expertise: cross-country running. The animals meet several humans along the way. The animals and the humans in the play are not able to understand each other—only the dog understands everyone. Humans will be speaking a phonetic translation

of Spanish.

Dr. Carmen Carney, professor of communications, translated lines into Spanish and helped the cast members with the language.

"I did just a straight translation," said Carney. "We had sessions to teach the vowel sounds of Spanish, and to make sure the cast had the rhythm of the language. They have put so much effort into this."

Carney was encouraged and pleasantly surprised with the way the cast members grasped the language.

"They were very good," she said. "It makes me believe even more that, if they try, students can learn a foreign language."

The department of military science contributed clothing and a helmet for the tortoise, and a wet suit was donated from the mathematics and science area.

Cast members represent several departments at Southern. Doug Meister, who portrays both Brando Not-Couth and George, is an art major.

Christine Burkhardt is a business major. Both agree that working in the theatre production has been a worthwhile experience.

"The hardest part has been learning the Spanish," said Meister, "because I had never studied the language. But I enjoy working with the play; it is a chance to do something different. Some of the actors have also helped with work on the sets."

Burkhardt, who plays Sophia Not-Couth and Maud, found the Spanish somewhat easier from taking a high school course.

"You still have to know what

you're saying, and be able to use body gestures to help the audience understand."

Sue Ogle, the tortoise, started preparing for her part by researching tortoises.

"The first thing you do," she said, "is a character analysis. I read about tortoises; how they moved, ate, and slept so I would know how to project the character."

All of the persons involved in the production, including director Joyce Bowman, production stage manager Kelly Weaver, assistant stage manager Janet Kemm, and scenographer Sam Claussen, have worked hard to make *The Great Cross Country Race* a success.

Cast members include Lea Wolfe as Ms. Mask, a raccoon; Sue Sanaman as Mrs. Chuck, a wood-chuck; Jennifer Montjoy as Miss Dark, a cow; LeAnne Evans as Mrs. Bushy, a squirrel; Todd Yearton as Mr. Spiney, a porcupine; Carol Ogle as Ms. Sloe, the tortoise; Stacy Oliver as Ms. Bone, a dog; Linda Pierson as Miss Velvet, an otter; Gerri-Ellen Johnston as Miss Fleet, the hare; Karen Hill as Robin; Charity Bebee as Jackie; Henry Priester as the fisherman; Doug Meister as George and Brando Not-Couth; Christine Burkhardt as Maud and Sophia Not-Couth; Rick Evans as Farmer Brown; and Theresa Kackley as Ida Strainer.

Performances are scheduled for 3 p.m. Saturday and Sunday at Taylor Auditorium. Children from area schools will be transported for matinee performances today and tomorrow. Tickets are \$1 for adults and 50 cents for children.

## Concert series engages dancers

Sylvia Waters  
directs Alvin Ailey  
Repertory Ensemble

Highly trained young dancers with the Alvin Ailey Repertory Ensemble will perform at 8 p.m. Friday, March 8, at Taylor Auditorium.

Performing as a part of the Joplin Community Concert series, the group is under the direction of Sylvia Waters. She is a leading dancer with the Alvin Ailey American Dance Theater.

Artists are given the opportunity to sharpen techniques and perform in major halls across the country with the Ensemble. The dance company has served as an arena for performance experience for talented young dancers and as a vehicle for new audiences across the country to be exposed to dance.

In an attempt to reach persons who would have little opportunity to attend such performances, the company performs regularly at correctional facilities, mental health centers, drug rehabilitation programs, and hospitals.

The Repertory Ensemble was established in 1974 and since then has made numerous cross-country tours, performed on many prestigious dance series, and at major colleges and universities.



### On Stage

Alvin Ailey Dancers will appear for Joplin Community Concert.

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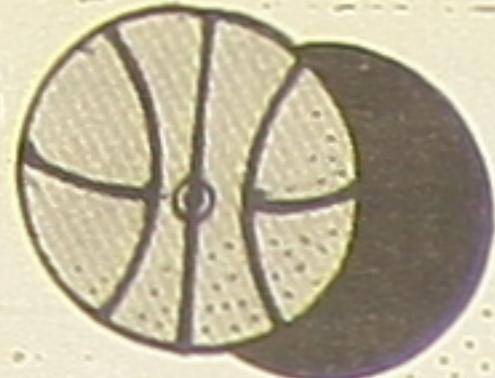
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**Statistics**

**Lady Lions Basketball**  
**(23-4 record)**  
**(11-2 district)**  
**(10-4 CSIC)**  
**(13-1 home)**  
**(10-3 away)**

Player	TP	Avg.
Womack	424	15.7
Fly	400	14.8
Sutton	373	13.8
Rank	247	9.1
Wilson	193	7.1
Kliche	187	6.9
Evans	135	5.0
Klenke	107	4.0
Murphy	21	1.5
Gilmore	17	1.2
Cantrell	14	1.1
Wittrig	8	0.9
Team	2134	79.0
Opponents	1634	60.5

**NOTE:** Becky Fly has now scored 1,000 points in her career at Southern.

**CSIC Standings**

TEAM	W	L	PCT.
<b>Southern</b>	10	4	.714
Mo. Western	10	4	.714
Emporia St.	10	4	.714
Washburn	9	5	.643
Fort Hays St.	7	7	.500
Kearney St.	4	10	.286
Pittsburg St.	4	10	.286
Wayne St.	2	12	.142

**Lions Basketball**  
**(10-18 record)**  
**(5-6 district)**  
**(5-9 CSIC)**  
**(8-5 home)**  
**(1-11 away)**  
**(1-2 neutral)**

Player	TP	Avg.
Garton	687	24.5
Parks	389	13.9
Ward	287	10.2
Taylor	200	7.1
Greene	178	6.4
Starkweather	105	3.8
Peltier	72	2.7
Harris	21	2.3
Frencken	25	1.4
Gillion	24	0.9
Foster	5	1.7
Team	1993	71.2
Opponents	2002	71.5

**NOTE:** Greg Garton has established new MSSC single-season records in points scored and scoring average. He has 1,576 points in his career at MSSC and needs 327 more to become the Lions' all-time scoring leader.

**CSIC Standings**

TEAM	W	L	PCT.
Fort Hays St.	13	1	.929
Washburn	10	4	.714
Kearney St.	8	6	.571
Emporia St.	7	7	.500
Wayne State	6	8	.429
<b>Mo. Southern</b>	5	9	.357
Pittsburg St.	4	10	.286
Mo. Western	3	11	.214

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**12**      **37**

**Intramurals**  
**Basketball**  
**(Monday's Game)**

6:15 p.m.—Advanced men's championship

Deadline to register for racquetball tournament is March 8. Sign-up in P.E. Room 212.

# The Sports Scene

## Fly sets Lady Lions' record; first junior to score 1,000

Southern's 'landslide' playoff victory over William Woods brings team to rematch against Missouri Western tonight

Junior guard Becky Fly set a school record Tuesday night while carrying her team to a landslide playoff victory over William Woods College in Young Gymnasium.

Missouri Southern, a 78-44 winner, will host Missouri Western at 7:30 p.m. today in the NAIA District 16 semifinals. Western, which has defeated the Lady Lions twice this season, routed Rockhurst 96-67 Tuesday night.

In other first round playoff action Tuesday, top-seeded University of Missouri-Kansas City blitzed Evangel 112-48 and No. 4 School of the Ozarks edged Culver-Stockton 81-74. UMKC will host School of the Ozarks tonight.

The district championship game will be played at the site of the highest remaining seed Saturday night. Southern, which ended the season ranked No. 14 in the NAIA Top 20 poll, was seeded second in the district.

Fly has scored 1,000 points in her three-year career at Southern, making her the first junior in the history

of the College to score that many points. Fly scored 24 points—21 points coming in the first half. The halftime score was 41-14.

Then Woods began to shut Fly off from the jump shot which left Suzanne Sutton open to score 20 points.

Fly led the Lions with nine assists, while Sutton added seven assists and nine rebounds. Margaret Womack added 13 points and nine rebounds while freshman Anita Rank had nine points and eight rebounds.

The Lady Lions claimed a share of the Central States Intercollegiate Conference championship Saturday night by defeating Wayne State 75-53. Southern, Western, and Emporia State all finished 10-4 in the league.

Southern finished with the best season ever recorded at the College in the history of the women's basketball program. Last year the team finished 22-6 overall.

Sutton led her team against Wayne State with 16 points, nine

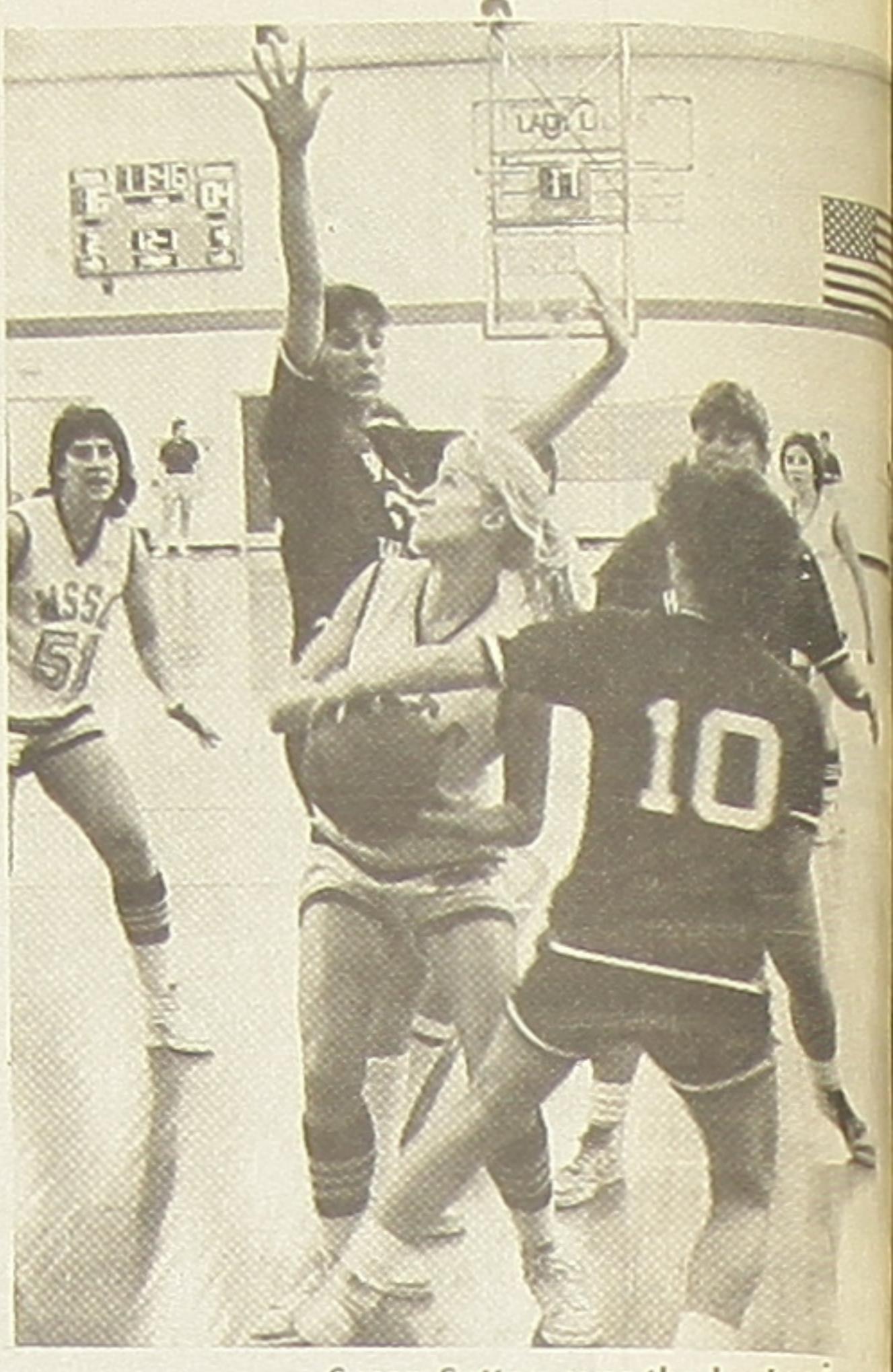
rebounds, and four assists while teammate Fly added 15 points and three steals, and Womack and Kliche had 10 points each. LaDonna Wilson had four assists.

The Lady Lions led by as much as 29 points, scoring 18 unanswered points in the first half. Southern held a 48-21 margin at halftime.

Womack's career high scoring game of 29 points could not help Southern take the title over Western and Emporia, with the Lady Lions losing to the Griffons 78-71 Friday night.

Womack also had 12 rebounds, three assists, two steals, and one blocked shot. Fly added 13 points, eight assists, and six steals while Sutton had 11 points, nine rebounds, and five assists.

The Lady Lions led by nine points at one time, but the Griffons came back with 2:16 left in the game, making it 68-67, and Western took the lead the rest of the way.



**Two points** Susan Sutton eyes the basket in today's game. (Chart photo by Daphne Massa)

## Rain-delayed opener a loss for baseball Lions

Arkansas Razorbacks, ranked 28th in pre-season polls, take Southern 12-1, 8-7.

Opening its season Monday at the University of Arkansas, Missouri Southern's baseball Lions lost 12-1 and 8-3. The games were rescheduled from Saturday because of rain.

The Lions lost to the University of Arkansas last year 12-1.

The Razorbacks were ranked 28th in the nation by the Collegiate Baseball newspaper in pre-season polls.

Pitcher Dan Sheeley took the opening loss against the Razorbacks. Sheeley is a transfer from Crowder College.

The Lions took a 1-0 lead in the

second inning with a groundout by Leroy Hagedorn which scored Dennis Shanks from third base. Shanks got on base by walking and went to second on a single by Chris Adams. Both advanced a base on a groundout.

Arkansas scored four runs in the bottom of the third, one run each in the fourth and fifth innings. The Razorbacks pulled out of reach with six runs in the sixth inning.

Pitcher Doug Stockham replaced Sheeley in the fifth inning and relief pitcher Marty Nagel came on in the sixth.

Southern had six errors which

led to Arkansas' six unearned runs.

The Lions had four hits in the first game. Second baseman Chris Adams had four of Southern's 12 hits in the doubleheader. Adams had a double and a single in the first game, and he tripled and singled in the nightcap. The junior batted .288 and scored 30 runs last season.

Shanks, a sophomore from Carthage, took the second loss of the doubleheader. Shanks posted a 1-2 record with 5.32 ERA last year.

The Lions again led in the second inning on Adams' walk and Adams scoring on a single by Steve

Phillips.

The Razorbacks scored single runs in the first, second, and third innings while scoring two runs in the fourth and single runs in the sixth, seventh, and eighth innings.

Arkansas had eight runs off eight hits with no errors while Southern had eight hits and two errors.

Pitcher Steve Langhauser came in the fifth to relieve Shanks. John Kirby pitched in the seventh while Randy Joliitz pitched in the eighth.

Colon Kelly had two hits for Southern in the second game. Kelly is a freshman from Dundee, Ill.

Other players seeing action in

## Williams, Lions end six-game losing streak

Coach Chuck Williams received a shower along with three seniors after Missouri Southern turned back Wayne State 60-87 Saturday in a Central States Intercollegiate Conference contest.

The Lions, ending their season 10-18 overall and 5-9 in the CSIC, snapped a six-game losing streak with the victory. It was the first time this season Southern won a game on its opponent's home court.

Saturday night the Lions carried their coach into the locker room where the fully clothed Williams was put in the showers. The team then placed seniors James Parks, Brian Peltier, and James Ward into the shower with Williams.

Junior guard Greg Garton finished the campaign with 687 points and a 24.5 scoring average to establish new Southern single-season records for both categories.

The old marks of 666 points and a 22.2 average were set by Russell Bland during the 1976-77 season.

Parks and Ward scored 19 and 15 points, respectively, in their final game. Brian Taylor added 16 points.

Missouri Western's Arthur Cooks scored 42 points as the Griffons outlasted the Lions 90-79.

Southern rallied from a 47-33 halftime deficit to trail 73-71 with 6:32 remaining in the game, but the Griffons ran off a 13-2 string in the next four minutes to regain command.

Garton scored 33 points while Parks added 15.

Ward led the team in rebounding this season with an average of six recoveries per game. Jeff Starkweather topped Southern with 145 assists.

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leg. At first the main concern was regarding the range of motion of my knee. The doctor wanted me to gain full flexion (bending of the knee). Then he wanted me to work on extension (straightening) but not as hard at first."

Next, Wenninghoff began working on the Orthotron, a hydrofit machine in Southern's training room, which measures and helps to build strength.

"I started off, right knee compared to left, having about 20 per cent strength to 100 per cent," Wenninghoff said. "Now I'm up to around 80 or 90 per cent strength in my right knee. I still have to work vigorously on my range of motion."